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K. C. Livermore
Honeoye Falls, N. Y.
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PEDIGREED SEEDS

For Progressive Growers

Breeding and
Test Records
Are Safest Guides
In Choosing Seeds



Every Good Harvest Comes From Good Seed

See. 562 P. L. & R.
U. S. POSTAGE
PAID
Honeoye Falls, N. Y.
Permit No. 2



Our Alfalfas, Clovers And Grasses Are Hardy, Adapted And The Best Quality Obtainable

Seed Potatoes

Seed potato quality depends mostly on (1) freedom from diseases carried in the tuber, (2) the breeding back of the strain and (3) condition of the seed. The first two cannot be told by appearances, yet are most important. The buyer must depend on the certification tag and the word of the seller. Our seed potatoes are from fields that were 99.8% to 100% disease free. Each lot is backed by years of careful breeding. They are Northern grown, well stored, well graded.

EARLY IRISH COBBLERS - Best early, yields well, sells well. Brings cash in 90 days. We have Prince Edward Island certified seed and New York seed, muck grown, not certified but from special P. E. I. certified seed. We consider the latter an economical buy.

GREEN MOUNTAINS - Mid-season variety. It requires cool moist condition for best yields. We have Prince Edward Island certified seed; also N. Y. seed not certified, but grown from P. E. I. certified seed.

RUSSET RURALS - Deep rooted hardy late potato that yields well under adverse conditions. Under favorable conditions it has made record yields in the East. Our XL strain comes from a 22 tuber hill. It has outclassed several hundred other selections in our elimination tests continuing since 1926. No better bred strain is available. Seed is certified.

WHITE RURALS - Smooth or White Rurals have same adaptations as Russets. Preferred on some markets. We offer seed from a well bred, high yielding, fine type strain. Certified and not certified.

Spring Wheat

MARQUIS - Best variety. Hardy seed from Northwest. Should be planted early. Requires cool climate.

Buckwheat

Valuable as a substitute where other plantings have missed, also to plow under and for bee pasture.

JAPANESE - Largest plant, largest kernel, large yield. Requires strong ground. Best for cover crop.

SILVERHULL - Smaller plant, smaller kernel. Better flour and feed.

Field Corn

The following best meet the needs of nearly all sections of the North Eastern States. In each case, we offer seed from special strains backed by years of careful selection. Germination on all lots 90% or better and seed is extra well graded.

WEST BRANCH SWEEPSTAKES - The best silage corn for most of this part of the country. Vigorous grower, leafy stalks, 9 to 11 feet. Big ears of various shades of red and variable type. Makes large tonnage of silage of high feeding value. 130 days to maturity.

CORNELL NO. 11 - Highest yielding 100 to 110 day yellow dent. Averaged nearly 70 bu. shelled in N. Y. tests. About 13T. easy to handle silage with 1¹/₄ T. grain per acre. Better than large corns where seasons are short. Our strain is medium early.

CORNELL 29-3 HYBRID - Out of hundreds of inbred strains developed by Cornell plant breeders, certain pairs have been found which, when crossed, produced hybrids of great vigor. After many trials it has been found that when certain of these better hybrids are crossed with each other still more vigorous and still better yielding corn is secured. Using inbreds of Luce's Favorite, Onondaga White, Cornell No. 11 and Bloody Butcher in this way, Cornell 29-3 double crossed hybrid is produced. It matures in about 110 days, or the same as Cornell No. 11. In tests at Ithaca and in other parts of the State it has equalled Sweepstakes in green weight, exceeded it in dry weight by 10% or 20% and in grain by 40% to 50%. In actual food value it yields 25% to 30% more than West Branch Sweepstakes. It grows more rapidly and more uniformly. It ears heavily and matures just right for silage here in New York and adjacent states.

In all such hybrids, the superior qualities, are found only in the first crop from the crossed seed. Later crops lose their uniformity and vigor soon. It does not pay to save seed from them.

First grade and butt kernels of this hybrid are already sold out. We can supply Tip Kernels at \$3.00 per bushel. They did very well last year. Six quarts plants an acre.

YATES FLINT - A very early high yielding corn of hybrid origin, 90 days here. Stalks 6ft. to 7ft. Ears large, yellow to red, mostly amber, 12 rowed. Kernels small. Poultry like it whole.

SHEFFIELD - Eight row flint developed in Berkshire Mts. Very early. Good yielder. Ear medium size, dark yellow. Stalks medium.

The flint corns are wilt susceptible and should not be used in wilt areas.

Cabbage

All our cabbage seed is double treated to protect against any diseases that might be carried in or on the seed. If maggots sometimes damage your plants, calomel will protect them. Write for directions.

LOUISIANA COPENHAGEN - 57 days from setting plants, 6 days earlier than Golden Acre. Ripens more uniformly. 90% ready to cut in the first week. Average weight 2.6 lbs. More compact, smaller core, better texture, darker color than Copenhagen. Best early cabbage yet.

GOLDEN ACRE - 63 days. Special seed from the originator of this fine cabbage. Ripens more evenly than many strains on market, and earlier.

COPENHAGEN MARKET - 73 days. A good yielding, fine type, more uniform ripening strain.

GLORY OR ENKHUIZEN - 85 to 90 days. Heavy yielding strain, large round heads, even ripening.

QUAKER HILL DANISH - 110-115 days. One of three best in New York and Pennsylvania tests. Every kernel grown here from selected mature heads. More than 20 years' skilled selection has produced superiority in yield, shape, solidity, color and keeping quality. The fact that hundreds of level-headed cabbage growers will pay \$2 to \$4 more per pound year after year for Quaker Hill Danish proves it. This extra cost is repaid several times over. Already sold out.

REED'S WHITE DANISH - 110 to 115 days. Similar to above. Offered as best substitute for Quaker Hill Danish.

REED'S RED DANISH - Best of all reds. Nearly every plant makes marketable head. Very good size, wonderfully solid, beautiful color. No later than White Danish and yields nearly as well.

Soy Beans

Soy bean hay and grain have high feeding value. The beans contain 30% digestible protein and 14% digestible fats. The crop is valuable too for soil improving purposes. Their use is increasing rapidly all over the Country. For grain, plant 1¹/₂ to 1 bu. according to size in 28 in. drills and cultivate; or plant about 1¹/₂ to 2 bu. in 7 in. drills and use the weeder as soon as the plants are 4 in. to 5 in. high and again in a week, if necessary. For hay or plowing under, plant 2 bushels with the grain drill. For silage, plant 20 pounds with usual amount of corn. Inoculate soy beans with Nitragin Culture "S".

The best varieties for the North Eastern States are:—
CAYUGA - Another contribution from the New York State College of Agriculture. Early enough to mature anywhere that corn is grown. Matures 90 to 100 days. Upright growth, 2 to 3 feet. Yield 25 to 35 bushels, small, bluish black beans. Best for grain and fair for hay.

MANCHU - About 110 days to maturity. Very satisfactory for planting with silage corn or plowing down.

WILSON - About 120 days to maturity. Occasionally matures grain here, but is recommended primarily for hay, because of large yield of finer stems and branches. Best for plowing down. Smallest seed.

Field Beans

Our seed is carefully graded for seeding purposes and is hand picked.

ROBUST PEA - High yielding, disease resisting, late maturing, small pea bean of fine type and broad marketability. Susceptible to one strain of anthracnose and root rot.

GENESEE PEA - From Cornell. Similar to Robust, except larger (often rates as medium) and is resistant to all strains of anthracnose. Maturity and yield same as Robust. Susceptible to root rot.

HONEOYE PEA - From Cornell. Week to ten days earlier than Genesee and Robust, otherwise like Genesee. Susceptible to root rot.

PERRY MARROW - Our strain developed by plant selection for large jumbo type. Disease resisting to high degree except root rot. Upright growth, little spotting, excellent yielder. Requires care in threshing. Few days earlier than Robust. Readily marketable.

YELLOW EYE - Fairly disease resistant, earlier than Robust. Limited market.

CALIFORNIA RED KIDNEY - Free from blight infection. Resistant to anthracnose. Safer to plant than local grown red kidneys which usually carry blight infection. Seed hand picked.

FRENCH'S WHITE KIDNEY - Very vigorous growing, disease resisting or escaping and high yielding. Slightly different in type from true white kidney. Limited market.

DISCOUNTS

2% discount allowed on orders paid in full by February 20th, 1% by March 20th. Otherwise at least 20% payment must accompany order and balance be paid before shipment or on arrival, plus collection fees.

GUARANTEE

We guarantee all goods to be as represented and to arrive in satisfactory condition. Please examine all shipments on arrival for shortage or damage. If any, have agent note same on your receipt. Report to us immediately and we will make it good.

If you are not satisfied with the goods received and notify us within ten days, we will replace them if possible or refund payment if preferred. We do our utmost to avoid mistakes but cannot and do not assume any responsibility for the results secured from our seeds, chemicals or other materials.

PRICE CHANGES

Prices are subject to change without notice. If lower when your order is received, difference will be refunded, if higher you will be notified and may pay difference or change or cancel order. Prices include bags or other containers and loading on cars or trucks.

SWEET CORN All Hybrids
Listed Page 2

Postpaid, $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 25c; 1 lb. 40c; 2 to 19 lb. 35c lb.; Freight collect, 20 to 99 lb. 28c; 100 lb. or more, 25c lb. Packages of 2 lb. or more take price for total pounds ordered.

FAMILY GARDEN ASSORT., postpaid \$1.00

POP CORN Both Varieties
Listed Page 2

Postpaid, $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 25c; 1 lb. 30c; 2-19 lb. 25c; 20 lb. or more, 20c.

OATS Sacked 3 bu. per bag Per bu.
32 lbs.

30 BU. OR MORE 5c LESS Not Certified Certified

VICTORY \$1.20
UPRIGHT 1.30 \$1.40
ITHACAN 1.30 1.40
CORNELLIAN 1.30 1.40
LENROC 1.90 2.00

BARLEY Sacked 2 bu. per bag Per bu.
48 lbs.

30 BU. OR MORE 5c LESS Not Certified Certified

ALPHA, 2 rowed \$1.90 \$2.00

WISCONSIN 38, 6 rowed \$2.15 \$2.25

FIELD PEAS Per bu.
60 lbs.

10 BU. OR MORE 10c LESS

WHITE CANADIAN, tested disease free \$3.50

MIXTURES Per bag
2½ bus.

10 BAGS OR MORE 15c LESS

OATS & BARLEY, 100 lbs. \$4.00
Cornellian 40 lbs. Alpha 60 lbs.

PEAS, OATS & BARLEY, 110 lbs. \$5.00
Peas 30 lb., Cor. 32 lb., Alp. 48 lb.

PEAS & OATS, 108 lbs. \$5.50
Peas 60 lb., Upright Oats 48 lb.

SPRING WHEAT Per bu.
60 lbs

10 BUS. OR MORE 5c LESS

MARQUIS \$3.00

BUCKWHEAT Per bu.
48 lbs.

10 BUS. OR MORE 5c LESS

JAPANESE \$1.75

SILVER HULL \$1.75

FIELD CORN

Per bu.
56 lbs.

10 BUS. OR MORE 10c LESS

For less than 1 bu. add 10c to amount

WEST BRANCH SWEEPSTAKES \$2.75
CORNELL NO. 11 \$2.75
SHEFFIELD FLINT \$3.00
YATES FLINT \$3.00
Butt kernels 80% of above prices, tips 60%
CORNELL 29-3, tip kernels only \$3.00

POTATOES

All F. O. B. here
except as noted

In many cases we can deliver truck loads at little more than car load freight rates. Frequently orders of 50 bu. or more can be combined to make truck loads. Ask about delivering your order.

10 BUS. OR MORE 5c LESS

SPECIAL PRICES ON 100 BUS. OR MORE
Per bu. 60 lbs.

P. E. I. COBBLERS, Certified \$2.20
P. E. I. GREEN MTS., Certified \$2.20
Above, f. o. b. Newark, N. J. 10 bu. up \$2.00
Above sacked 2½ bu. per bag; following 2 bu. per bag
N. Y. COBBLERS, not Certified \$1.90
N. Y. GREEN MTS., not Certified \$1.90
N. Y. RUSSETS, Certified \$2.00
N. Y. WHITE RURALS, Certified \$2.00
N. Y. WHITE RURALS, not Certified \$1.70

Small sizes at same prices. Resorted
pickouts 25c less

CABBAGE

Hot Water and
Semesan Treated

(Postage Paid) Per lb.
Pkt. Oz. $\frac{1}{4}$ to 1 lb. 5 lbs.

Louisiana Copenhagen 20 .60 \$6.00 \$5.50
Golden Acre 15 .40 \$4.00 \$3.50
Copenhagen Market 15 .40 \$4.00 \$3.50
Glory of Enkhuisen 15 .40 \$4.00 \$3.50
Quaker Hill Danish Sold Out
Reed's White Danish 20 .60 \$6.00 \$5.50
Reed's Red Danish 20 .60 \$6.00 \$5.50

FIELD BEANS

CHOICE
HAND PICKED

10 BAGS OR MORE 10c LESS Per Cwt.

For less than full bag add 20c to amt.

ROBUST PEA \$8.00
GENESEE PEA \$8.00
HONEYOE PEA \$8.00
PERRY MARROW \$9.00
YELLOW EYE \$8.00
CALIFORNIA RED KIDNEY \$13.00
FRENCH'S WHITE KIDNEY \$9.50

SPECIAL DELIVERED PRICES ON TRUCK LOADS OR CAR LOADS

SEED TREATING MATERIALS

ALL POSTAGE PAID EXCEPT AS NOTED

NITRAGIN LEGUME INOCULANTS:—

CULTURE A for alfalfa, sweet clover, $\frac{1}{2}$ bu. size 35c; 1 bu. size 60c; 2½ bu. size \$1.20.

CULTURE B for medium, mammoth, alsike, white, crimson clovers, $\frac{1}{2}$ bu. size 35c; 1 bu. size 55c; 2½ bu. size \$1.20.

CULTURE C for vetches, field peas and garden peas, $\frac{1}{2}$ bu. size 30c; 1 bu. size 45c; 5 bu. size \$1.85; 12½ bu. size \$4.25.

CULTURE D for field and garden beans, $\frac{1}{2}$ bu. size 30c; 1 bu. size 45c; 5 bu. size \$1.85.

CULTURE S for soy beans, 1 bu. size 35c; 5 bu. size \$1.20; 10 bu. size \$1.75.

STANLEY'S CROW REPELLENT, $\frac{1}{2}$ pt. treats 1 bu. corn; $\frac{1}{2}$ pt. 60c; pt. \$1.00; qt. \$1.75.

CERESAN for oats, barley wheat, 1 lb. treats 32 bu.; 1 lb. 70c; 5 lbs. \$3.00.

SEMESAN, JR. for corn, 2 oz. per bu.; 4 oz 35c; 1 lb. \$1.00; 5 lbs. \$4.75.

SEMESAN for vegetable and flower seeds and bulbs; 2 oz. 35c; 1 lb. \$2.25; 5 lbs. \$9.90.

SEMESAN BEL for potatoes; 1 lb. per 60 to 80 bu.; 1 oz. 45c; 1 lb. \$6.50; 5 lbs. \$6.75; 25 lbs. \$31.00.

CORROSIVE SUBLIMATE. For potatoes, cabbage, etc., in $\frac{1}{2}$ lb. boxes; $\frac{1}{4}$ lb. 50c; 1 - 4 lbs. \$1.60 per lb.; 5 lbs. up \$1.50 per lb. Special prices on large quantities in bulk.

YELLOW OXIDE OF MERCURY for potatoes, 1 lb. treats 100 to 150 bu.; $\frac{1}{2}$ lb. \$1.20; 1 - 4 lbs. \$2.60 per lb.; 5 lbs. up \$1.90 per lb.

CALOMEL for cabbage, turnip, radish; $\frac{1}{2}$ lb. \$1.15; $\frac{1}{4}$ lb. \$1.50; 1 - 4 lbs. \$1.90 per lb.; 5 lbs. up \$1.80 per lb.

RED OXIDE OF COPPER for spinach, beets; $\frac{1}{2}$ lb. 60c; 1 - 1 lb. 85c per lb.; 5 lbs. up, 75c per lb.

ZINC OXIDE for seed beds, $\frac{1}{2}$ to 1 oz. per sq. ft.; 1 - 9 lbs. 20c per lb.; 10 - 19 lbs. 15c per lb., postage paid. Freight collect 50 lb. bags, \$5.00; ton \$110.00.

GRAPHITE, for coating peas to prevent breakage after treating; 2 oz. per bu.; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 40c; 1 - 4 lbs. 50c per lb.; 5 lbs. up, 40c per lb.

GUM ARABIC POWDER, to make calomel stick to cabbage seed; $\frac{1}{4}$ oz. per lb. seed; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 30c; $\frac{1}{2}$ lb. 50c; 1 lb. 85c.

FORMALDEHYDE, for seed treating and soil disinfecting, (10%); 1 lb. can 40c; 5 cans up 35c each. Special prices on large quantities in bulk.



PEDIGREED SEEDS

Hybrid sweet corns,
potatoes, oats, peas,
barley, wheat, rye,
cabbage, field corn,
field beans, soy beans,
clovers and grasses.

FARM CHEMICALS

Seed disinfectants,
seed inoculants,
fertilizers, sulphur,
gypsum, lime,
dust and spray materials.
Also drain tile.



Feb 1, 1911

HONEOYE FALLS, N. Y.

Dear Friend:—

Shorter supplies and price uncertainties characterize the seed situation this spring.

The supply of recommended oats and barleys is exceedingly short. Clovers, alfalfas, seed potatoes and field beans are in much shorter supply than for a long time.

Prices reflect the shortages, but we expect fluctuations and shall try to keep our prices in line with the market. So prices quoted herein are subject to change without notice. Latest prices will be sent on request.

While prices may vary, the quality of our offerings will not. Our seed offerings are limited to varieties and strains of proven worth and from sources that have been proved best. Seed selection, testing and treating, crop fertilizing, dusting or spraying, careful handling, proper storing, thorough cleaning and grading are all done systematically, to the end that our seeds may be as high in purity, germination, disease freedom and weed freedom as is possible. The seeds we have to purchase from other sections are of the best quality obtainable.

Please read carefully the descriptions on pages 1, 2 & 4. We have tried to make them concise, specific and accurate. Prices of seeds and seed treating materials are on page 3. A later circular will give prices of fertilizers and other chemicals.

Hoping to serve you and wishing you a successful season, I am

Sincerely,

K. C. LIVERMORE

Quaker Hill Hybrid Sweet Corns

They actually yield 25% to 100% more than the old favorites, are much more uniform, have high quality and most of them are resistant to the dread wilt disease. The seed is produced by controlled cross pollination of two or more specially bred strains. The seeds cost more, but results justify the cost many times over. Hybrid sweet corns are rapidly displacing the old kinds.

We offer nine hybrids that ripen at different times, each the best available in its ripening period. One can choose those that best suit his market or can provide a continuous supply from early to late by planting at one time several that will ripen in succession and then follow with successive plantings of a late one.

In the brief descriptions given below, the maturity dates are approximate for this section and naturally vary with locality and season. They are comparable with Golden Bantam at 80 days. For more complete descriptions ask for our sweet corn circular.

Yellow Hybrids - Mostly 12-rowed, some 12 to 16 rowed

GEMCROSS P.39 - 68 to 72 days, our newest and earliest, high quality.

SPANCROSS P.39 - 72 days, very prolific, wilt resistant, fine type.

WHIPCROSS C6.2 - 74 days, very uniform, larger ears, wilt resistant.

SUNCROSS P.39 - 76 days, dandy quality, wilt resistant.

WHIPCROSS P.39 - 80 days, big yielder, large ears, wilt resistant.

BANCROSS P.39 - 84 days, wonderful quality, wilt resistant, heavy yielder.

GOLDEN CROSS - 86 days, best of all in yield, type, quality and disease resistance.

BLOOMCROSS P.39 - 88 days, large ears, very heavy yielder, wilt resistant.

White Hybrid - 12-14 rowed.

REDGREEN - 92 days, sweetest, tenderest white, heavy yielder.

Family Garden Assortment

Here is a package of assorted hybrid sweet corn seeds, ripening in succession, that provides an average family with an abundance of delicious fresh sweet corn from early summer till fall and plenty to can for winter. It includes 3 oz. each, Gemcross, Suncross, Whippcross and 18 oz. Golden Cross with directions for planting. Lots of enjoyment and real savings on food costs come in this package. Decide now to feast on sweet corn this summer. Price \$1.00 post paid in U. S. Mail check or dollar bill (We trust Uncle Sam.) In Canada \$1.20.

Pop Corn

SOUTH AMERICAN YELLOW - Large stalks, ears and kernels. Yellow. Large Yielder. Late. Finest popping quality. Most profitable to grow, but requires long season.

JAPANESE HULLESS - Small stalks, ears and kernels. White. Low yielder. Excellent popper. Very tender.

Oats, Barley, Peas and Mixtures

All the following are experiment station developed strains. They have proved their superiority in hundreds of tests in the Northeastern States and usually outyield other varieties by enough to pay the taxes on the land they occupy. It is these extra 5 to 10 bushels per acre that spell profit.

Our seed is thoroughly cleaned and well graded with modern equipment by experienced operators. It is free from weed seeds and does not need treating. Germination on all lots is 90% or better, most of them over 95%.

LENROC OATS - A white oat, bred from the grayish Cornellian. The best yielder in New York tests, 1.3 bushels better average than Cornellian. Good straw, medium kernel low percentage hulls. Expected to have wide adaptation like Cornellian.

CORNELLIAN OATS - Second only to Lenroc in the Northeastern States. High feed value. Usually weighs 3 to 10 pounds more per bushel than other varieties.

ITHACAN OATS - Second to Cornellian in most places, but sometimes better near Great Lakes and St. Lawrence River. White, medium sized kernels, very good straw.

VICTORY OATS - One of five recommended best for Northeastern States. Yields only 2 to 3 bus. under Cornellian but 5 to 8 bus. better than the Swedish type oats being shipped in from the Corn Belt States. Short, plump, white kernels. Very good straw. Best looking and best selling oat. Our seed weighs 38 to 42 lbs. per struck bushel.

UPRIGHT OATS - Outstands all others. Safest on rich or low land. Ranks high in grain yield, highest in straw yield. Best oat for green feed or hay. Large white kernels.

ALPHA BARLEY - Two row hybrid, wide adaptation, excellent straw, one of highest yielders in North Eastern States. Ripens with Cornellian Oats. Best for mixtures with oats. Best for milk production but not for beer.

WISCONSIN 38 BARLEY - Smooth bearded, 6-rowed hybrid. Yields little more than Alpha. Straw weaker. Not so good for mixed sowing. Best for beer.

WHITE CANADIAN PEAS - One of the best in yield of grain and vine growth. Grown in Idaho to escape blight infection. They are 100% disease free. Blight infested seed is unsafe.

GRAIN MIXTURES - We offer Cornellian Oats and Alpha Barley with or without field peas in proper proportions. These highest yielders, ripening together make the best and cheapest home grown feed.

GREEN FEED OR HAY MIXTURES - Oats and peas make a very nutritious green feed or hay that cattle relish. A patch handy to the lane or pasture is worth a lot when pastures dry up. Our mixture of Upright Oats and disease free peas yield 20% to 40% more forage than other varieties.

ORDER FORM

K. C. LIVERMORE, Honeoye Falls, N. Y., Dear Friend:— I wish to order the following:

lbs., bus. or bags.....

.....	@	per	\$
.....	@	per	\$
.....	@	per	\$
.....	@	per	\$
.....	@	per	\$
.....	@	per	\$
.....	@	per	\$

Total \$.....

TERMS: Cash with order, less 2% to Feb. 20th, 1% to March 20th, net thereafter; or 20% cash with order and balance before shipment or on arrival with collection fees added.

Check
or M.O. \$.....

Ship to (person).....

P. O.

State.....

Freight or express station.....

State.....

Railroad.....

Shipping instructions.....

Name and address of person ordering, if different from above.....

FORAGE CROP SEEDS

SEE PRICES PAGE 3

CORNELL PASTURE MIXTURE - Made according to specifications of the Dept. of Agronomy, Cornell University, as follows:
 Kentucky Blue Grass 10 lb. New Zealand Pasture Per-
 Canada Blue Grass 2 lb. ennial Ryegrass 5 lb.
 Rough Stalked Meadow Grass 1 lb. Kent Wild White Clover,
 Timothy, Cornell 1777 6 lb. England 1 lb.
 Total, per acre 25 lb.

This mixture, at Cornell, yielded from 3,000 lbs. to over 6,000 lbs. dry matter per acre, containing over 30% crude protein. Growth is more uniform thru the season. Pastures managed according to the Cornell plan and seeded with this mixture produce more high protein feed to the acre than do most feed crops.

REED CANARY GRASS - A wet land crop. Produces large yields 3 to 6 tons in two cuttings, palatable, nutritious hay, on low overflow lands and marshes too wet for other crops. Makes tough sod that will support horses and hay machines where they could not be used before. Or, it can be pastured throughout the season and has carried 3 or 4 head per acre. Plowing and fitting are desirable, but not absolutely necessary. Seed 5 to 7 lbs. broadcast any time, but preferably late fall or early spring.

SUDAN GRASS - Excellent summer forage crop. Stock relish it, green or cured. Cows respond to it. Yields heavily, two cuttings, or one and pasture or pasture entirely. Can be relied upon in drouth when pastures fail. Makes good silage. Seed cost low, 10 to 12 lbs. in rows, 20 to 25 lbs. broadcast, at corn planting time preferably, but up to July if necessary.

KENT WILD WHITE CLOVER - Genuine Kent County, England, seed, high quality. Very hardy, perennial. Spreads far, makes dense turf. Best clover for pastures. Makes richer protein feed. Also increases growth of other plants by supplying nitrogen and keeping ground cooler and more moist by mulching effect of its dense growth. In a Cornell test, Kentucky Blue Grass plus Kent Wild White Clover produced five times as much feed as Kentucky Blue Grass alone. Seed only one pound per acre, preferably in Cornell Pasture Mixture, or if no better way, broadcast on established pasture.

CORNELL NO. 1777 TIMOTHY - Best selection out of hundreds tested by Cornell Plant Breeders. Very uniform, medium height and maturity, very leafy, fine stemmed, retains green color long, rust resistant. Yields 25% to 30% more than ordinary timothy—better quality. Used also in pasture mixture.

COMMON ALFALFA - Long tap rooted type, suited only to well drained, deep, sandy or gravelly soils. On other soils, it does not winter as well or yield as well as the branch rooted type. Seed from the Dakotas, Montana or Idaho. 15 to 20 lbs. per acre.

GRIMM ALFALFA - Branch rooted type, best for most soils, especially heavy or shallow soils. Usually repays extra cost several times over. Resists heaving, very winter hardy. We have certified first grade (blue tag) Grimm from Idaho and not certified Grimm from Michigan. 15 lbs. per acre.

MEDIUM and MAMMOTH RED CLOVER - We offer only domestic red clovers. They are choice lots from northern Ohio and Michigan.

NOTE—Bushel price Mammoth Red Clover should be \$25.20 on page 3

OUR FORAGE CROP CIRCULAR GIVES FURTHER DETAILS ON THESE AND OTHER FORAGE CROPS.